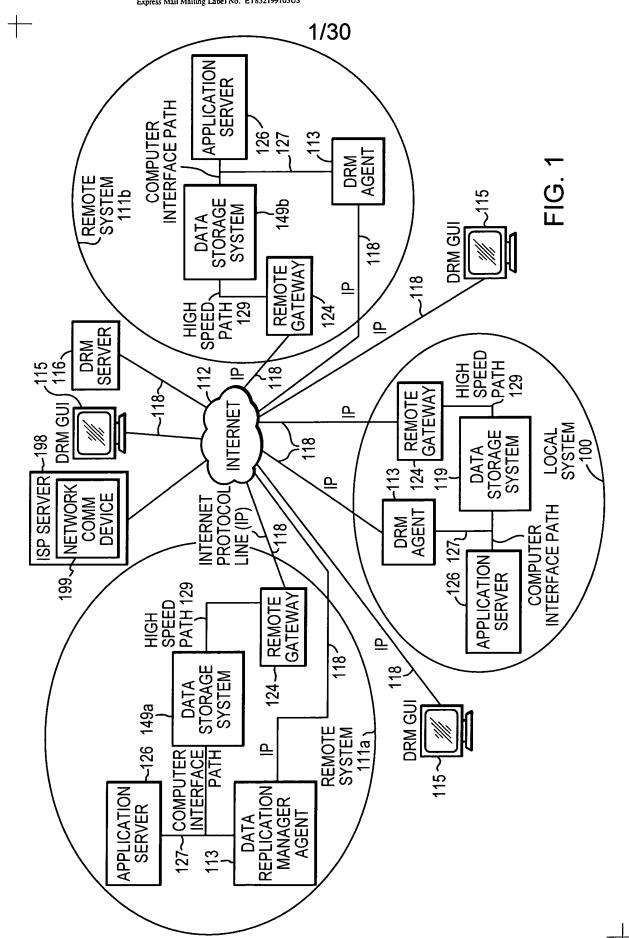
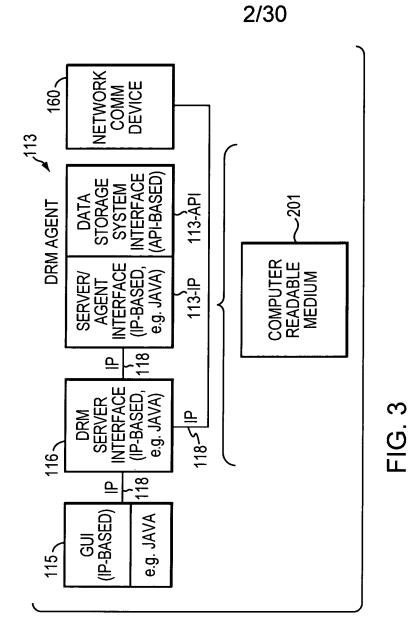
Applicants: Wang et al U.S.S.N.: Not Yet Assigned

Title: Management for Replication of Data Stored in a Data Storage Environment Including a System and Method for Failover Protection of Software agents operating in the Environment Fifting Date: June 27, 2003/ Docket No.: EMC-01-141CIP2

Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36.634)

Express Mail Mailing Label No. ET832199103US





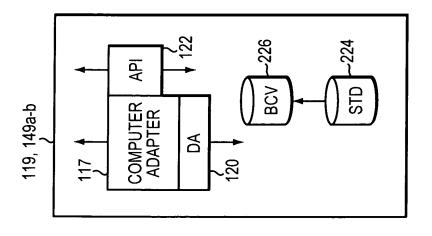


FIG. 2

Applicants: Wang et al U.S.S.N.: Not Yet Assigned

Title: Management for Replication of Data Stored in a Data Storage Environment Including a System and Method for Failover Protection of Software agents operating in the Environment Filing Date: June 27, 2003/ Docket No.: EMC-01-141CIP2

Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

Express Mail Mailing Label No. ET832199103US

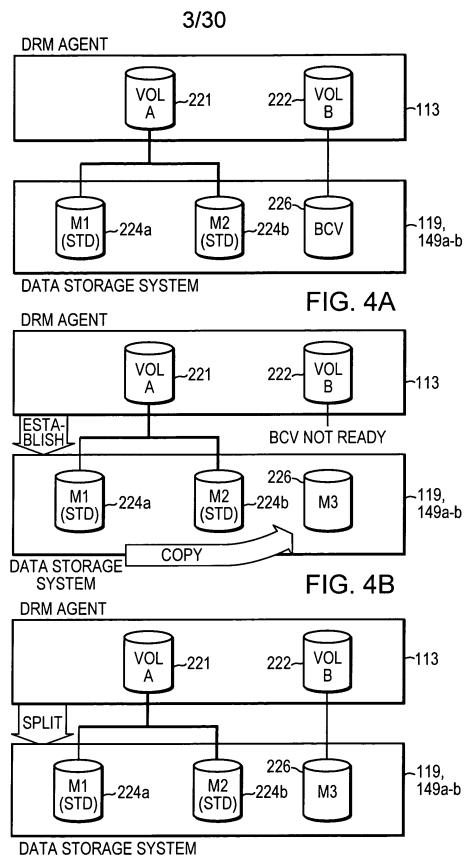
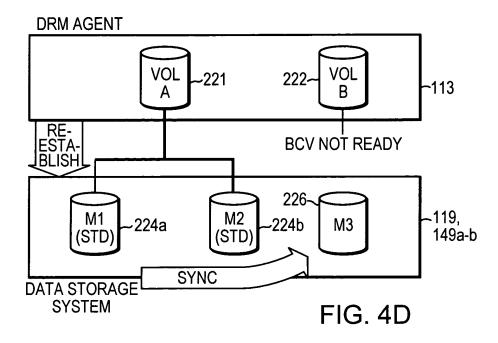
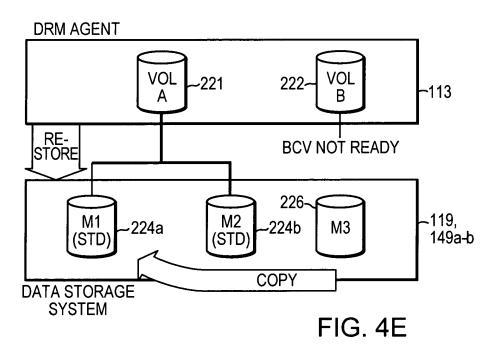


FIG. 4C

Applicants: Wang et al
U.S.S.N.: Not Yet Assigned

Title: Management for Replication of Data Stored in a Data Storage Environment Including a System and Method for Failover Protection of Software agents operating in the Environment Filing Date: June 27, 2003/ Docket No.: EMC-01-141CIP2
Attorney: Robert Kevin Perkins, Eq. (Reg. No. 36.634)
Express Mail Mailing Label No. ET832199103US





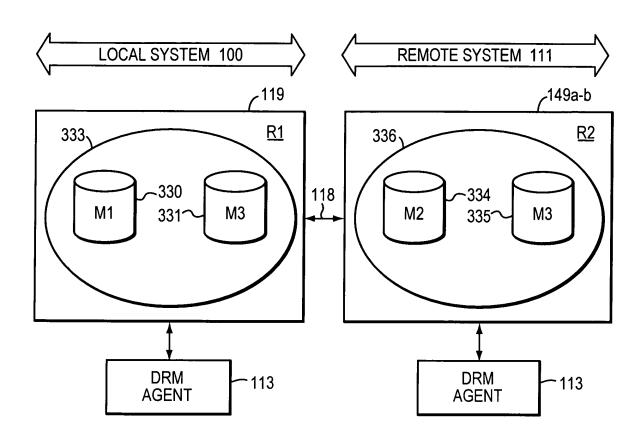


FIG. 5

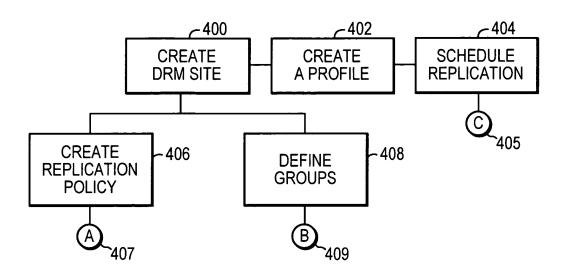


FIG. 6

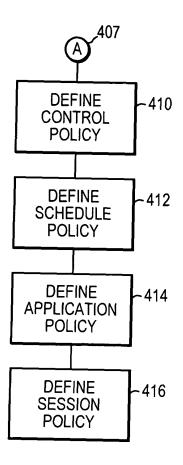


FIG. 7

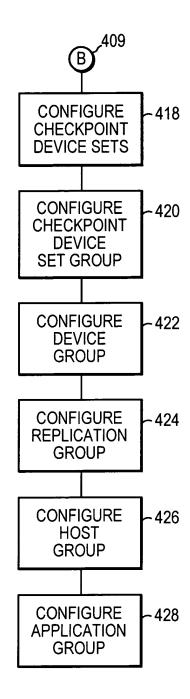


FIG. 8

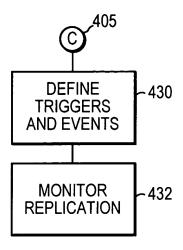
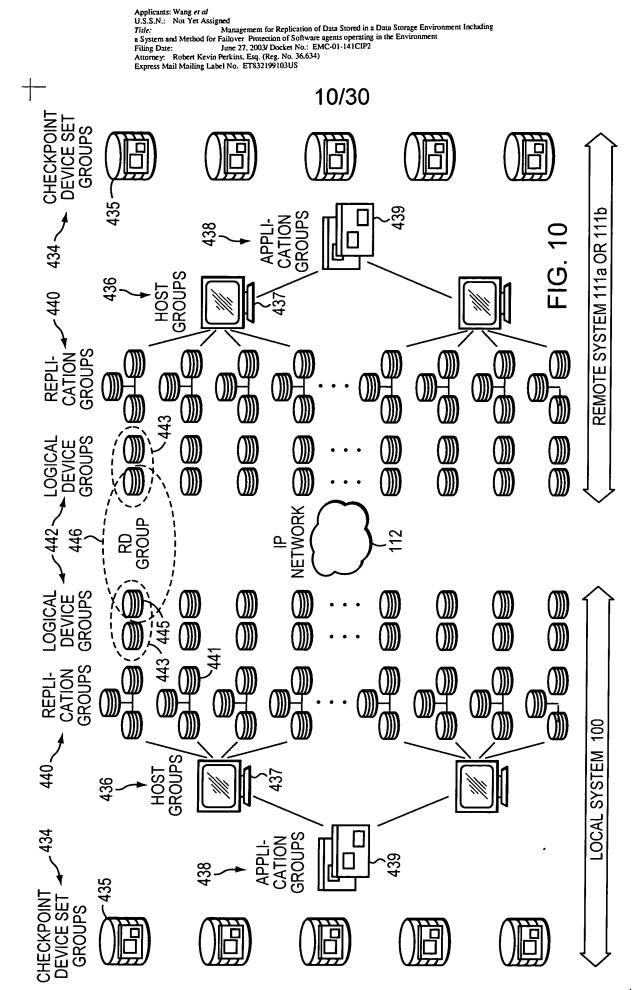
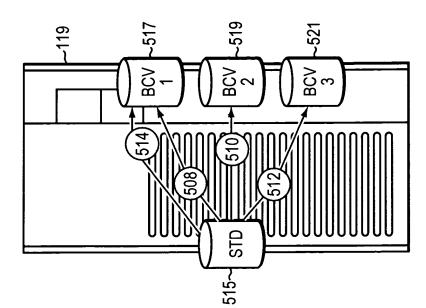


FIG. 9



11/30



CHECKPOINT DEVICE SET GROUP

FIG. 12

511 າປຸເປັນປານປາ 8C< \aleph 149a,b REMOTE LINK 504 200 513 507 STD 돈쫑

REPLICATION GROUP FIG. 11

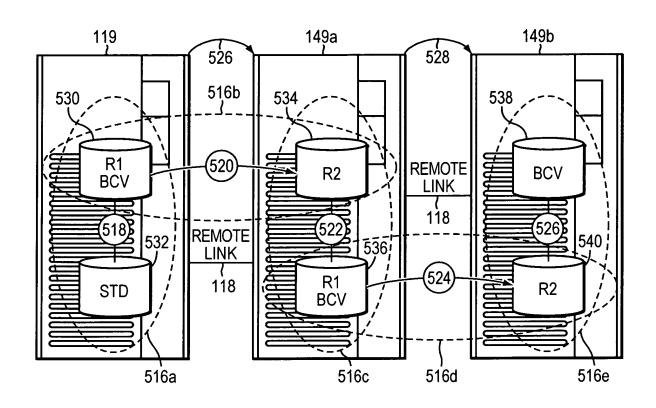


FIG. 13

Title: Management for Replication of Data Stored in a Data Storage Environment Including a System and Method for Failover Protection of Software agents operating in the Environment Filing Date: June 27, 2003/ Docket No.: EMC-01-141CIP2

Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36.634)

Express Mail Mailing Label No. ET832199103US 13/30 009 **%** 620 Cancel None None None 640 - Application Policy Name None estPolicy **F** 618 638 Schedule Policy Name 642 - Session Policy Name 636 Control Policy Name Reset Policy Name r-Policy List 634 **A**~616 r General -Properties Apply Policy Wizard (Test) Control Policy
Schedule Policy
Application Policy 631 Replication Policy Finish Policy List 1 626 **(S)** 628 Alarm 630 632 Exit Setup Groups Policy Monitor Heb 10 624 CT 602 -909 Agents 612~ Tools Control Manage Sites 622 Server 1

Agent 1

Agent 2 Setup <u>Fi</u> 623~ 625~

Applicants: Wang et al U.S.S.N.: Not Yet Assigned

FIG. 14A

Applicants: Wang et al
U.S.S.N.: Not Yet Assigned
Title: Management for Replication of Data Stored in a Data Storage Environment Including
a System and Method for Failover Protection of Software agents operating in the Environment
Filing Date: June 27, 2003/ Docket No.: EMC-01-141CIP2
Attorney: Robert Kevin Perkins. Esq. (Reg. No. 36.634)
Express Mail Mailing Label No. ET832199103US 14/30 009 **%** 620 Cancel es Control None None Application Policy Name None **FestPolicy ★** 618 Schedule Policy Name Session Policy Name 636 →Control Policy Name Reset 633 Policy Name r Policy List 634 **X**-616 Properties r General – Apply Policy Wizard (Test) 631 ☐Replication Policy Finish Policy List-626 82 628 Alarm 630 632 Exit Setup Groups Policy Monitor Heb 10 624 CO 612~ Tools Control Manage Sites 622 ក្នា Server 1 ជា Agent 1 ជា Agent 2 Setup File 623~ 625~

FIG. 14B

Applicants: Wang et al
U.S.S.N.: Not Yet Assigned
U.S.S.N.: Mot Yet Assigned

Title: Management for Replication of Data Stored in a Data Storage Environment Including

Protection of Software agents operating in the Environment Title: Management for Replication of Data Stored in a Data Storage Environment a System and Method for Failover Protection of Software agents operating in the Environment Filing Date: June 27, 2003/ Docket No.: EMC-01-141CIP2

Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36.634)

Express Mail Mailing Label No. ET832199103US 15/30 7 600 Replication Mode _____ ● Incremental 666 r Local Main State 676 Synchronize √652 Keep Sync – 678Kaan Shlit – 680 O Complete — 668 O CheckPoint — 654 650 **%** 620 O Keep Split — Cancel r Command – 7 618 Reset 640 General Control-test 656 658 660 662 .670 .672 .674 0 (Low Rendezvous None r Local Split Mode Automatic Priority r Policy Mode **X**c..6.16 O Manual -Properties -Event · Split Apply O Skip 0 Policy Wizard (Test) 642 642 7 631 Control - Test Finish ☐ Control Policy Policy List Alarm Exit Setup Groups Policy Monitor 문 12p 624 Agents 602 604 909 Tools Control Manage Sites 622 Carrent Agent 1 Setup Profiles

-609

Eile

623~

625~

FIG. 14C

608~

Applicants: Wang et al
U.S.S.N.: Not Yet Assigned
U.S.S.N.: Not Yet Assigned
Title: Management for Replication of Data Stored in a Data Storage Environment Including a System and Method for Failover Protection of Software agents operating in the Environment
Filing Date: June 27, 2003/ Docket No.: EMC-01-141CIP2
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36.634)
Express Mail Mailing Label No. ET832199103US 16/30 009 O'Hour © Continuous OMonth O Week O Day 698 Cancel Mode ~690 Minute Hour Reset Policy Name Schedule **~69**2 7694 r General -686 Hour 0 Exclude — -Properties – Details — , From – Minute Apply Policy Wizard (Test) ☐ Schedule Policy Finish Schedule Policy List-Alarm Ø Exit Setup Groups Policy Monitor Heb Agents Tools Control G G <u>M</u>anage Sites Server 1 Setup Profiles E -609

FIG. 14D

Applicants: Wang et al

U.S.S.N.: Not Yet Assigned

Title: Management for Replication of Data Stored in a Data Storage Environment Including
a System and Method for Failover Protection of Software agents operating in the Environment
Filing Date: June 27, 2003/ Docket No.: EMC-01-141CIP2
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36.634)

Express Mail Mailing Label No. ET832199103US 17/30 704 9 □ 000184501154 □ 000184501389 Cancel Symmetri Group 620 - 4CheckPoint Device..... 618 Reset □ Test(000184501104(200):000184501389(200))
□ Test(000184501154(204):000184501389(204))
□ Test(000184501104(208):000184501389(208))
□ Test(000184501154(200):000184501389(200))
□ Test(000184501154(210):000184501389(210))
□ Test(000184501164(214):000184501389(214)) 714 Device | Replication Policy 702 Apply * Group Type | ____ Location | **Group Name** 720 — Local Symmetri Id 722 — Remote Symmetri Id Device Group Properties Policy Wizard (Test) 614 701 718-Device Group ,708 715 — 716 — General .706 Alarm Ø Exit Setup Groups Policy ¥ Monitor Help Agents 602 909 Tools Control Sites Manage Server 1

Agent 1

Agent 2 Setup Setup Profiles File

FIG. 14E

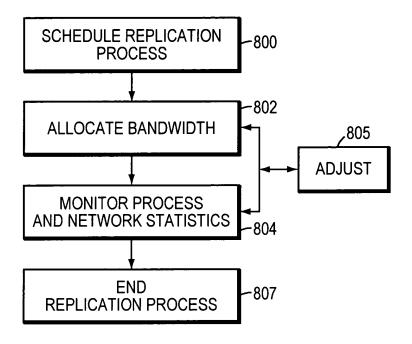


FIG. 15

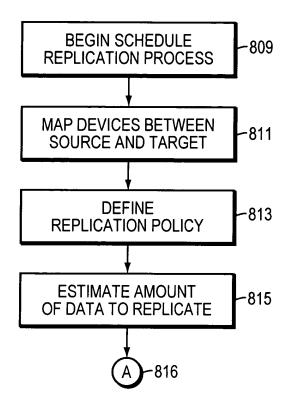


FIG. 16

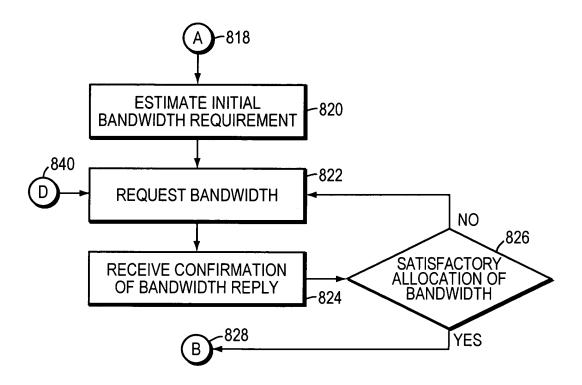


FIG. 17

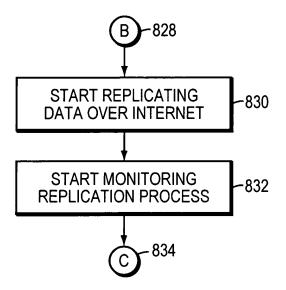


FIG. 18

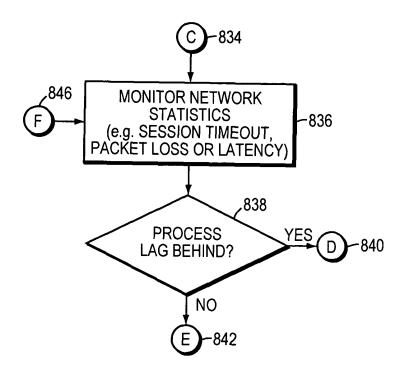


FIG. 19

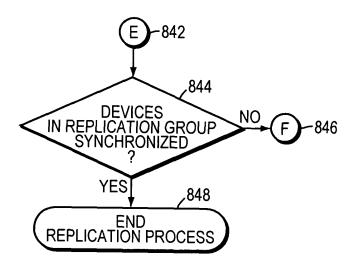


FIG. 20

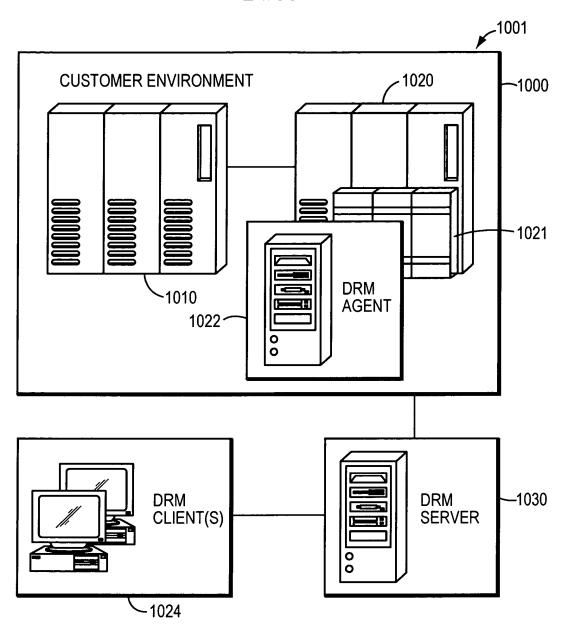


FIG. 21

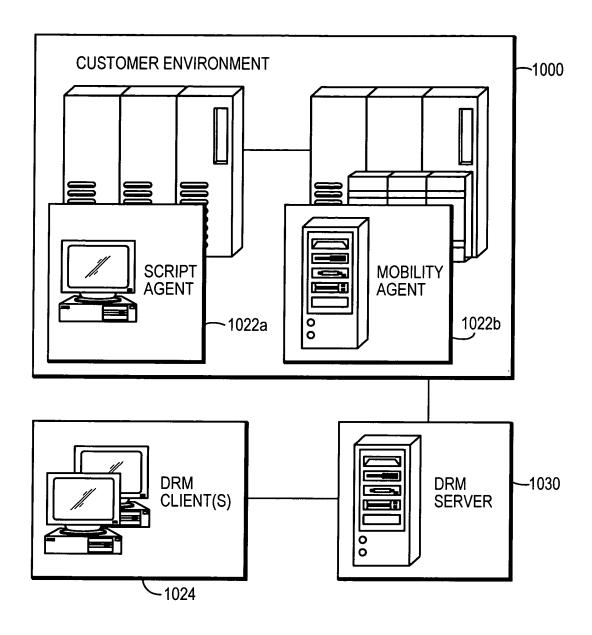


FIG. 22

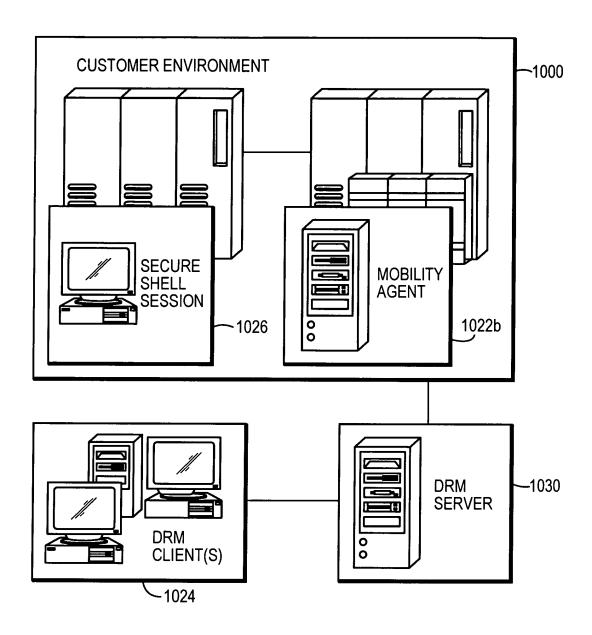


FIG. 23

